



DOON SCHOOL SRINAGAR,

WINTER ASSIGNMENT

GRADE:VII

SUBJECT: ENGLISH

Submission Instructions:-

- This winter assignment comprises of two parts: Part A & Part B.
- Part A is compulsory for all students while Part B must be completed in accordance with the prescribed roll numbers.
- Prepare well for the presentation of the projects.
- The written work should be done very neatly on loose sheets and submitted in a file cover.
- Submission date for winter assignment will be shared with you.

PART A

Listening, Speaking and Comprehension Skills

a. Pushing the Limits (Mandatory for all students)

Core Task:

Explore the theme “Pushing the Limits” by studying a real-life individual who went beyond physical, mental, social, or emotional boundaries to achieve success. The person may be a sportsperson, scientist, explorer, social reformer, innovator, or a young achiever.

Comprehension Task:

Choose a video, interview, documentary clip, or podcast based on your selected personality. Write a 3-point summary (maximum 100 words) covering:

The Limitation: What challenge, barrier, or limitation did the person face?

The Effort: How did the person push beyond this limit?

The Outcome: What was achieved through perseverance?

Speaking Task:

Record an audio presentation on your chosen personality, clearly highlighting the lesson of determination and self-belief.

Duration: Maximum 2 minutes (Mini Oral Presentation).

Goal:

To understand how determination, courage, and perseverance help individuals push beyond limitations in real life.

b. Book Review:

Read any one book written by Roald Dahl, Enid Blyton, Ruskin Bond, R. L. Stevenson, J.K. Rowling, Geronimo Stilton, or Sudha Murty, and write a book review (120–150 words) including the title, author, main characters, brief summary (without the ending), your likes, the moral (if any), and your overall opinion.

PART B**Project Based Work: - (Roll no. 1-10)**

The Future of Storytelling : Create a Story/Character Analysis Board (A3 size) for a modern English short story or a popular sci-fi book/film. Display: 1) A character's motive, 2) A central conflict, and 3) A thematic message. Use illustrations and quotes.

Oral & Written: Write a formal critique (100 words) summarizing the theme. Your writing must correctly use and highlight Complex Sentences (using subordinating conjunctions like although, because,

Project Based Work:- (Roll no. 11-20)

Architects of Change: Design a 3D model or a detailed diorama representing a scene from a fictional extreme winter environment (e.g., a futuristic ice city, a mythical creature's frozen lair). Must include a title card.

Oral & Written: Write a detailed setting description (8-10 sentences) of your model. Underline all instances of Prepositions of Place (e.g., beneath, beside, above).

Project Based Work:- (Roll no. 21-30)

The Documentary Script: Create a historical timeline display (on chart paper or board) showing 6 key inventions or events that happened in a winter month (Dec, Jan, or Feb). Use pictures and captions.

Oral & Written: Write a short biographical paragraph for one key person on your timeline. Your writing must demonstrate correct use of the Simple Past Tense and Past Continuous Tense.

Project Based Work:- (Roll no. 31-40)

The Time Traveller's journal: Design a historical artefact display (a physical model or detailed drawing of an object) from a specific historical period (e.g., a Victorian camera, an ancient map, a future gadget). Include a descriptive label.

Oral & Written: Write 5 journal entries (one paragraph each) from the perspective of a character who owns this artefact. Focus on correctly applying the Present Perfect Tense and Present Perfect Continuous Tense (e.g., I have been looking for this for years...).

Project Based Work:- (Roll no. 41-50)

Winter Word Web: Create a Concept Web/Poster comparing and contrasting two solutions to an environmental problem (e.g., recycling vs. reducing plastic use, solar vs. wind power). Use a Venn diagram or a T-chart format.

Oral & Written: Prepare a mini-debate (1 minute speaking time) where you argue for one solution. You must use Connectors of Contrast (however, nevertheless, on the other hand, although) to acknowledge and refute counter-arguments effectively.

SUBJECT: MATHEMATICS

Submission Instructions:-

- The assignment must be **neatly written by hand on interleaf sheets** only.
- Write **student details** (Name, Class/Section, Roll Number, and Subject) clearly on the first page.

Project Based Work:- (Roll no. 1-14)

1. Lines and Angles in road signs.

Aim : study the geometry in traffic signs

- Collect pictures of road signs, identify parallel lines, intersecting lines, transversal. Measure angles using a protractor

2. Clock Angle study

Aim : study angles formed by clock hands

- Draw clocks at different times, measure angles and classify the angles

Project Based Work:- (Roll no. 15-30)

1. Favourite subjects survey

Aim: learn data collection and representation

- Survey favourite subjects of your friends, cousins, relatives (Maths, Science, SST, Urdu, English), prepare a frequency table and draw Bar graph.

2. Daily Study hours

Aim: represent daily routine data

-Record study hours for 7 days , draw bar graph , analyse which day had maximum study

Project Based Work:- (Roll no. 30 onwards)

1. Cost price and selling price comparison chart

Work: prepare a chart(table) showing Cost price, selling price , profit and loss , profit /loss percentage for different items.

2. Online shopping Discount and Profit

Work: Study marked price, discount, CP, SP and profit/loss in online shopping.

SUBJECT: SCIENCE

Project Based Work:- (Roll no. 1 to 15)

1. Students are instructed to collect different types of leaves and prepare a study chart on their morphology.

Note: Each leaf must be carefully dried, pasted and neatly labelled with its.

- Type of Margin
- Vennation
- Shape
- Other morphological features.

2. Do comprehensive reading of chapter "Acids, Bases and Salts"

3. Make a model of a thermometer using a bottle, straw, and coloured water.

- Explain how it works.

Project Based Work:- (Roll no. 16 to 30)

1. Create a 3D model of an atom. The model should clearly represent the nucleus containing protons, neutrons along with electrons revolving in their respective shells.

Materials required:

- Balls of different sizes with different colours
- Thin wires
- Cardboard or thick chart paper for base

2. Do comprehensive reading of chapter "Acids, Bases and Salts".

3. Make a model of a thermometer using a bottle, straw, and coloured water.

- Explain how it works.

Project Based Work:- (Roll no. 30 onwards)

1. To prepare a 3D model of an animal cell. The model should accurately represent all major cell organelles.

Note:

- The model must be neatly labelled.
- Materials Required: Clay, Thermocol, beads and coloured paper.

2. Do comprehensive reading of chapter " Acids, Bases and Salts "

3. Making a Simple Solenoid

Procedure

- a. Take an iron nail or soft iron rod.
- b. Wind the insulated copper wire tightly around it to form a coil.
- c. Connect the ends of the wire to the battery.
- d. Bring paper clips near the nail and observe.

SUBJECT: SOCIAL STUDIES

Note: Mandatory for all students.

Do comprehensive reading of the chapter "our environment".

Project Based Work:- (Roll no. 1 to 10)

Physical or virtual tour :

- **Exploring Hokersar wetland**

Students will research and create a comprehensive project on Hokersar Wetland in Kashmir, focusing on its winter role as a migratory bird haven. This assignment leverages the winter season (December-February) when over 2 million birds from Siberia and Central Asia arrive, making it ideal for observation and study. Submit a 10-15 page report with visuals.

(Documentary, PPT, Photography)

Project / Research Based Work:- (Roll no. 11 to 20)

Kings, Achievements, and Society in Ancient Kashmir: Insights from Rajatarangini

The topic can highlight key historical sites referenced in the text, helping students connect history, culture, and architecture in an age-appropriate way by weaving storytelling with physical landmarks. This approach offers an accessible view of Kashmir's rich past while showcasing the historical and architectural legacy that remains today.

Students can create timelines, maps of ancient Kashmir, or short reports linking Rajatarangini to modern sites. This builds skills in historical analysis while connecting to architecture tours through kings' building legacies.

Project Based Work:- (Roll no.21 to 30)

Layers of the Atmosphere, Model:

Build a 3D model of atmospheric layers using cardboard, thermocol, sponge balls, and art paper painted in gradients (e.g., troposphere in blue, stratosphere in lighter shades up to thermosphere) Cut and stack layers with labels for heights, temperatures, and features like the ozone layer, adding a central support rod for rotation to show global coverage .

Project/ Model Based Work:- (Roll no. 31 onwards)

Plate Tectonics Simulator:

Build a working model simulating plate tectonics using cardboard base, foam sheets for plates, and a small motor or hand-crank to demonstrate convergence, divergence, and transform boundaries forming mountains, rifts, and earthquakes. Attach LED bulbs to "fault lines" that light up during movement, with labels for subduction zones and volcanic arcs using thermocol clay. This dynamic setup illustrates real-time landform changes.

SUBJECT: HINDI

* जल संरक्षण विषय पर ध्यानपूर्वक सुनकर उसका महत्व अपने शब्दों में लिखिए।

<https://youtu.be/sxpLXF2GPts?si=lMYZN3wq4gCoxkAH>

*निम्न लिखित विषयों पर अनुच्छेद लिखिए :-

- * सामाजिक सुधार
- * शिक्षा तकनीक, स्वच्छता
- * भविष्य की कल्पना
- * विलोम शब्द (२०)
- * पर्यायवाची शब्द (२०)
- * मुहावरे (२०)
- *पुस्तक के पहले दो पाठो का वाचन करें और उनके कठिन शब्द लिखकर उनके वाक्य बनाएं।
- * परियोजना कार्य

१. मीरा के पद एक चार्ट पर लिखिए।
२. महादेवी वर्मा का चित्र बनाकर / चिपका कर उसका जीवन परिचय चार्ट पर लिखिए।

नोट: लेखन कौशल में दिया गया कार्य अलग नोटबुक पर करें।

साफसुथरी- लिखावट रखें।

SUBJECT: URDU

مفوضہ کام برائے سرمائی تعطیلات

- ۱) نظم "مناجات" کے مشکل الفاظ کو خط کشیدہ کر کے اُن پر جملہ بنائیے۔
- ۲) سبق "فلورنس ناٹ انگلیل" کے پیغام کو اپنی کاپی پر مختصر لکھیے۔
- ۳) اخبار کا مطالعہ: وادی کشمیر میں شائع ہونے والے اردو اخبارات کی سرخیاں جمع کر کے ایک جریدہ تیار کریں۔
- ۴) آپ کو سر دیوں کی چھٹیوں کے دوران کسی خاص جگہ پر جانے کا موقع ملا، اپنے دوستوں کو اس جگہ کی خوبصورتی کے بارے میں تفصیلًا جائز کاری دیجیے۔
- ۵) پریم چند کی کہانی "دو بیل" یا " عبرت" کا مطالعہ کیجیے، اور اس کہانی کا تنقیدی جائزہ قلمبند کریں۔

ہدایت: پیارے طلاب سے تلقین کی جاتی ہے کہ سادہ اور اق اور زیڈن ب قلم کا استعمال کریں۔ اور خوش خطی کا خاص خیال رکھیں۔

SUBJECT: COMPUTER

Project 1: CANVA (Roll no. 1-10)

Project Title: My Animated Greeting Card in Canva

Objective: To learn how to design using Canva, use layers, and apply basic animation effects.

Instructions / Steps to Complete the Project

1. Open Canva

Go to www.canva.com

Log in using your school ID or Google ID.

2. Create a New Design

Click Create a Design

Select Card (Landscape) or Presentation Slide.

3. Add Background

Choose any simple background from Canva (solid color or gradient).

4. Insert Elements

Add shapes, stickers, or images.

Make sure to arrange them using layers (Send backward / Bring forward).

5. Add Text

Write a greeting message such as:

“Happy Day!”, “Best Wishes!”, or “Have a Great Week!”

6. Apply Animation

Select the text → Click Animate → Choose any one animation effect

(like Fade, Pop, Rise, Pan, Drift etc.)

Also animate one image.

7. Preview Your Animation

Click the Play button on top to see your animated greeting card.

8. Download Your Work

Click Share → Download → MP4 Video or GIF.

Project Output:

A 1-page animated greeting card with:

- ✓ Background
- ✓ At least 1 image
- ✓ At least 1 text box
- ✓ Minimum 2 animations

Project Title: My School Website – Mini Version

Topics Covered:

- ✓ HTML Tags
- ✓ Images
- ✓ Navigation Hyperlinks
- ✓ Lists & Tables
- ✓ CSS

Project Description:

Create a simple 2-page school website.

Page 1 – Home Page

- School name (Heading)
- School image
- Navigation links:
- Home
- About School
- Contact

A list showing School Facilities (unordered list)

Page 2 – About School

Table showing:

- Class
- Number of Students
- Class Teacher

Add an image of school activities

Add hyperlink back to Home Page

Project 3: Python (Roll No. 25 onwards)

Mini Project : Simple Student Report Card Program

Topics Covered:

- ✓ Input()
- ✓ Variables
- ✓ Data Types

✓ Arithmetic Operators

✓ If-else Statements

Project Description:

Create a Python program that:

Takes marks of 3 subjects

Calculates total & percentage

Uses if-else to decide grade

Prints a neat report card

Sample Output:

Enter marks of English: 88

Enter marks of Maths: 92

Enter marks of Science: 84

Total = 264

Percentage = 88%

Grade = A

NOTE: Submission of winter assignment

Share via Google Drive

Students can:

- 1. Upload their project to Google Drive**
- 2. Click Share**
- 3. Enter the teacher's email (tanzilafarooq@doonsrinagar.com)**
- 4. Set permission → Viewer or Editor**
- 5. Send**